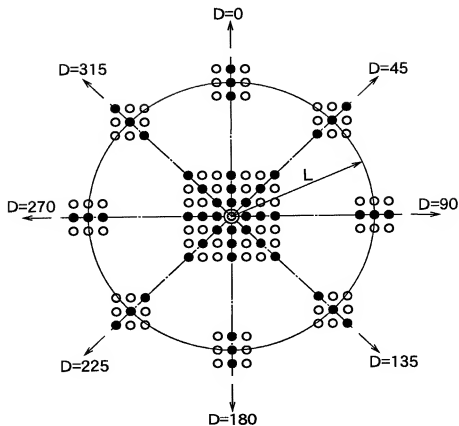
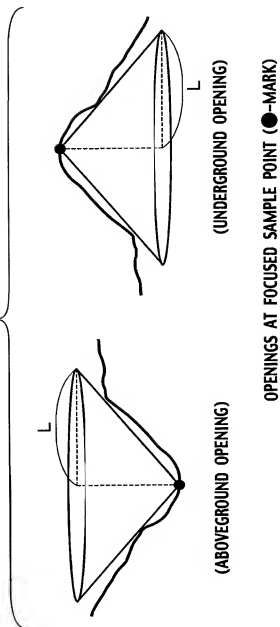


FIG.13



CONDITION OF ARRANGEMENT OF SAMPLE POINTS ABOUT FOCUSED  
SAMPLE POINT (⊙-MARK) IN UTM-DEM  
●-MARKS DENOTE SAMPLE POINTS IN EIGHT AZIMUTHS, ○-MARKS  
DENOTE OTHER SAMPLE POINTS




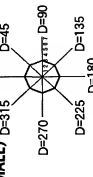



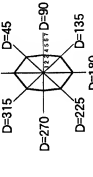
FIG.14



Prior Art

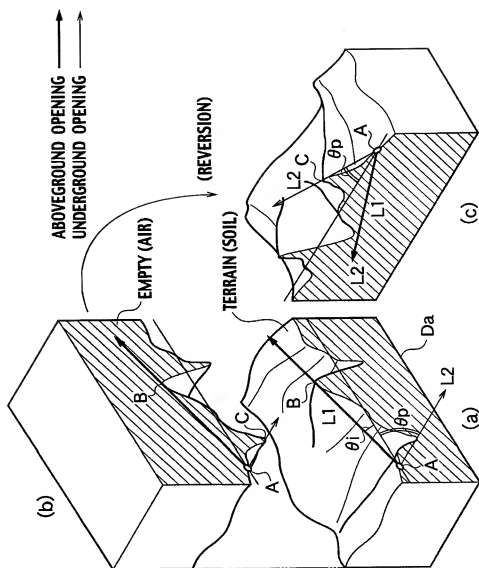
FIG.15

: ABOVEGROUND OPENING AND UNDERGROUND OPENING OF FOCUSED SAMPLE POINT (●-MARK) IN BASIC GEOGRAPHICAL FEATURES

BASIC GEOGRAPHICAL FEATURES		ABOVEGROUND OPENING	UNDERGROUND OPENING
1	FLAT TERRAIN	 <p>(MEDIUM)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>	 <p>(MEDIUM)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>
2	SUMMIT	 <p>(VERY LARGE)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>	 <p>(VERY SMALL)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>
3	CONCAVE TERRAIN	 <p>(VERY SMALL)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>	 <p>(VERY LARGE)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>
4	RIDGE EXTENDING NORTH-TO-SOUTH	 <p>(LARGE)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>	 <p>(SMALL)</p> <p>D=0 D=45 D=90 D=135 D=180 D=225 D=270 D=315</p>

Prior Art

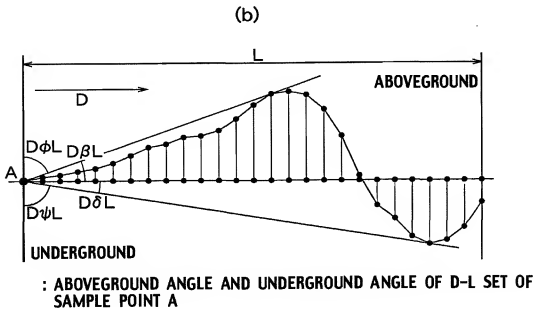
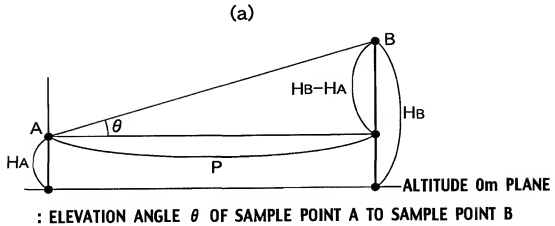
FIG.16



# Replacement Sheet

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FIG.17



Prior Art